

**ABSTRACT**  
**Water and Oil Repellent Masonry Treatments**

5         The present invention provides a water-soluble and shelf-stable aqueous fluorocchemical polymeric treatment useful to treat porous substrates to render them repellent to water- and oil-based stains. The treatment comprises a water-soluble or dispersible fluorocchemical polymer containing only carbon atoms in the backbone, with a plurality of each of the following groups pendent from the backbone: (a) 10         fluoroaliphatic groups, (b) carboxyl-containing groups, (c) silyl groups and optionally (d) other non-hydrophilic groups. Because the water-soluble polymeric treatment, and the shelf-stable aqueous solutions thereof, can be applied to porous substrates in aqueous solution, they eliminate the need for environmentally harmful and toxic co-solvents.

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